

Title (en)

A networked vehicle implementing plug & play with javabeans TM

Title (de)

Fahrzeug mit einem Netz das plug & play mit Javabeans einführt

Title (fr)

Véhicule contenant un réseau mettant en application plug & play avec des javabeans

Publication

EP 0987628 A3 20040204 (EN)

Application

EP 99305658 A 19990716

Priority

US 12632798 A 19980731

Abstract (en)

[origin: EP0987628A2] A vehicle control computer system uses JavaBeans TM to implement device interfaces. A vehicle control center, having a processor and memory, provides user access to devices operating within the vehicle. The manufacturer of such devices provides a JavaBean TM interface stored with the device. When a device is installed in the vehicle, the processor or other control element of the vehicle control center becomes aware of the installation and requests or otherwise receives the stored JavaBean TM interface from the device. A data structure is used to maintain information about interfaces for devices. The vehicle control center can then use the interface as received or replace it with a different interface already stored in memory by changing the contents of the data structure.

IPC 1-7

H04L 12/28; B60R 16/02; H04L 29/06; G06F 9/44; G06F 9/46

IPC 8 full level

G06F 13/14 (2006.01); **G06F 9/445** (2006.01); **H04L 12/40** (2006.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01); **H04L 29/12** (2006.01)

CPC (source: EP US)

G06F 9/4413 (2013.01 - EP US); **H04L 9/40** (2022.05 - US); **H04L 12/40032** (2013.01 - EP US); **H04L 12/403** (2013.01 - EP US); **H04L 61/00** (2013.01 - EP US); **H04L 67/12** (2013.01 - EP US); **H04L 67/34** (2013.01 - EP US); **H04L 69/329** (2013.01 - EP US); **H04L 2012/40273** (2013.01 - EP US)

Citation (search report)

- [X] EP 0637157 A2 19950201 - CANON KK [JP]
- [A] US 5521588 A 19960528 - KUEHNER THILO [DE], et al
- [A] US 5483692 A 19960109 - PERSON ANDREW P [US], et al
- [A] BOUCHARD O ET AL: "SO FUNKTIONIEREN... JAVA BEANS", CHIP ZEITSCHRIFT FUER MIKROCOMPUTER-TECHNIK, VOGEL VERLAG. WURZBURG, DE, no. 6, 1 June 1997 (1997-06-01), pages 234 - 239, XP000734076, ISSN: 0170-6632

Cited by

AT5158U3; EP2063572A3; CN108928213A; DE102006021358A1; EP1209878A3; EP1220162A1; NL1017015C2; US6640169B2; US7200643B2; US6915528B1; WO2008095518A1; WO2005109194A1; WO0150281A1; US8155829B2

Designated contracting state (EPC)

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EP 0987628 A2 20000322; **EP 0987628 A3 20040204**; **EP 0987628 B1 20060920**; AT E340456 T1 20061015; DE 69933264 D1 20061102; DE 69933264 T2 20070405; JP 2000122961 A 20000428; JP 4509254 B2 20100721; US 6377860 B1 20020423

DOCDB simple family (application)

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